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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/923,663	08/06/2001	John C. New JR.	500767.01	1537

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DORSEY & WHITNEY LLP  
INTELLECTUAL PROPERTY DEPARTMENT  
SUITE 3400  
1420 FIFTH AVENUE  
SEATTLE, WA 98101

EXAMINER

SIDDIQI, MOHAMMAD A

ART UNIT	PAPER NUMBER
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2154

DATE MAILED: 07/08/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/923,663

Applicant(s)

NEW ET AL.

Examiner

Mohammad A. Siddiqi

Art Unit

2154

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 21 April 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-34 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-34 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 04/19/2005
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

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**DETAILED ACTION**

1. Claims 1-34 are presented for examination.
2. The information disclosure statement (IDS) submitted on 04/19/2005 was filed after the mailing date of the office action on 01/19/2005. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

4. Claims 1-34 are rejected under 35 U.S.C. 102(e) as being anticipated by Safadi et al. (6,810,525) (hereinafter Safadi).

5. As per claim 1, Safadi discloses a method for providing access to computer resources on a computer system, comprising:

generating a token containing encrypted user information including credit, authorization, and authentication information (credit entitlement, col 2, lines 1-18);

initiating a request to open a computer resource stored on the computer system, the computer resource being encrypted (col 2, lines 1-18);

initiating execution of a remote application manager component on the computer system (server for authentication, col 2, lines 47-55);

under control of the remote application manager (server for authentication, col 2, lines 47-55) component, decrypting the token and authenticating a user (col 2, lines 47-55) of the computer system using authentication information stored in the token (encrypted entitlement token, col 2, lines 47-55);

verifying whether the user is authorized to use the requested computer resource using authorization information stored in the token (subscriber's private key, col 2, lines 47-55);

verifying whether the user has sufficient credit contained (server for authentication, col 2, lines 47-55 and col 3, lines 10-17) in the token to use the requested computer resource using credit information stored in the

token (entitled token may be generated, col 2, lines 48-63 and col 3, lines 10-17);

when the user is authenticated, authorized, and has sufficient credit (col 3, lines 10-17), decrypting and opening the requested computer resource (col 5, lines 13-27);

monitoring the usage of the opened computer resource to determine whether the user has sufficient credit to continue using the computer resource (access controller, col 6, lines 23-38); and providing a notification when the monitored usage of the opened computer resource has exceeded the credit (credit entitlement and control of the purchasable service, col 5, lines 42-65).

6. As per claim 2, Safadi discloses generating a token comprises collecting authentication, authorization, and credit information from the user and storing the information in respective fields in a binary file, and thereafter encrypting the binary file to generate the token (Data Encryption Standards, col 2, lines 48-63).

7. As per claim 3, Safadi discloses the token is stored on a smart card that the remote application module component accesses to retrieve and

decrypt the token (subscriber terminal, col 2, lines 7-10).

8. As per claim 4, Safadi discloses initiating a request to open a computer resource comprises clicking on an application icon (code/data object, 16, fig 1, col 3, lines 36-40 and col 2, lines 48-52).

9. As per claim 5, Safadi discloses initiating execution of a remote application manager component occurs in response to initiating a request to open a computer resource (server for authentication, col 2, lines 48-52).

10. As per claim 6, Safadi discloses the token and the computer resource have been encrypted using the public key encryption methodology (col 2, lines 53-55).

11. As per claim 7, Safadi discloses wherein the computer resource comprises an application module (col 3, lines 55-67).

12. As per claim 8, Safadi discloses the application module comprises an entire executable application program that is stored in encrypted form on the computer system (secure processor, col 3, lines 44-49).

13. As per claim 9, Safadi discloses monitoring the usage of the opened computer resource comprises monitoring how long the user has been using the computer resource (col 6, lines 60-65).

14. As per claim 10, Safadi discloses providing a notification when the monitored usage of the opened computer resource has exceeded the credit comprises displaying a visual message to the user instructing the user to save his work and indicating his credit has been depleted (absolute visibility, col 6, lines 60-65).

15. As per claim 11, the claim is rejected for the same reasons as claim 1, above.

16. As per claim 12, the claim is rejected for the same reasons as claim 3, above.

17. As per claim 13, the claim is rejected for the same reasons as claim 4, above.

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18. As per claim 14, the claim is rejected for the same reasons as claim 6, above.

19. As per claim 15, the claim is rejected for the same reasons as claim 7, above.

20. As per claim 16, the claim is rejected for the same reasons as claim 8, above.

21. As per claim 17, the claim is rejected for the same reasons as claim 9, above.

22. As per claim 18, the claim is rejected for the same reasons as claim 10, above.

23. As per claim 19, the claim is rejected for the same reasons as claim 1, above.

24. As per claim 20, the claim is rejected for the same reasons as claim 2, above.



25. As per claim 21, the claim is rejected for the same reasons as claim 4, above.

26. As per claim 22, the claim is rejected for the same reasons as claim 6, above.

27. As per claim 23, the claim is rejected for the same reasons as claim 7, above.

28. As per claim 24, the claim is rejected for the same reasons as claim 8, above.

29. As per claim 25, the claim is rejected for the same reasons as claim 9, above.

30. As per claim 26, the claim is rejected for the same reasons as claim 10, above.

31. As per claim 27, the claim is rejected for the same reasons as claim 1, above.

32. As per claim 28, Safadi discloses the request to initiate execution of a selected one of the computer resources comprises a request to initiate execution of a computer resource component not found on the client system, and the remote application manager component is further operable to contact a server system responsive to this request to initiate transfer of the selected computer resource component to the client system along with an updated token component including updated authorization information for the computer resource component (conditional access, col 4, lines 27-45).

33. As per claim 29, Safadi discloses the remote application manager is further operable to contact a server system when the credit contained in the token component is insufficient to initially open or to continue executing the selected computer resource component to initiate transfer of an updated token component including updated credit information to the client system (col 4, lines 27-45 and col 5, lines 1-27).

34. As per claim 30, Safadi discloses the token component comprises a smart card on which the token is stored and a card reader that is adapted to read the token stored on the smart card and supply the read token to the remote application manager component (secure processor, col 6, lines 42-

60).

35. As per claim 31, Safadi discloses the claim is rejected for the same reasons as claim 1, above. In addition, Safadi discloses an accounting and billing component that is operable to receive user credit information and to verify user credit based upon such received information (col 5, lines 13-20), the accounting and billing component providing a credit approval output indicating the results of the credit verification (col 3, lines 57-67);

and a client interface component that is operable to receive client requests from client computers and to provide credit information contained in such requests to the accounting and billing component (col 5, lines 55-67), and when the credit approval output indicates the user's credit has been approved the client interface component providing credit and user information to the token generation component and receiving the generated token from the token generation component (col 6, lines 7-11), the client interface component further operable to select computer resources using information contained in the client requests and to encrypt each selected computer resource (col 6, lines 7-11), the client interface module transferring the token and the encrypted selected computer resources to the client computer along with a remote application manager component (col 6,

lines 1-24).

36. As per claim 32, Safadi discloses the computer resource component includes a plurality of application programs (col 3, lines 55-67).

37. As per claim 33, Safadi discloses each of the application programs includes all necessary system files for execution (col 3, lines 55-67 and col 6, lines 1-7).

38. As per claim 34, Safadi discloses the client interface component is adapted to receive HTTP requests from client computers and each client request is received as one or more such HTTP requests (internet, col 5, lines 43-48).

### ***Response to Arguments***

39. Applicant's arguments filed 04/21/2005 have been fully considered but they are not persuasive, therefore rejections to claims 1-34 is maintained.

40. In the remarks applicants argued that:

**Argument:** Safadi does not disclose initiating a request to open a computer resource stored on the computer system.

**Response:** Safadi discloses initiating a request to open a computer resource stored on the computer system (entitlement token is generated, col 2, lines 1-18, col 3, lines 50-55, components resident in the subscriber terminal).

**Argument:** Safadi does not disclose providing a notification when the monitored usage of the opened computer resource has exceeded the credit.

**Response:** Safadi discloses providing a notification when the monitored usage of the opened computer resource has exceeded the credit (billing system via a web browser running on subscriber terminal anticipates credit entitlement and control of the purchasable service, col 2, lines 30-41; col 5, lines 42-65; col 3, lines 10-20, protection against repudiation).

**Argument:** Safadi does not disclose under control of the remote application manager component, decrypting the token and authenticating a user of the computer system using authentication information stored in the token.

**Response:** Safadi discloses under control of the remote application manager (server for authentication, col 2, lines 47-55) component, decrypting (col 2,

lines 55-64 DES standard) the token and authenticating a user (col 2, lines 47-55) of the computer system using authentication information stored in the token (encrypted entitlement token, col 2, lines 1-18; lines 47-55);

**Argument:** Safadi does not disclose providing a notification when the monitored usage of the opened computer resource has exceeded the credit comprises displaying a visual message to the user instructing the user to save his work and indicating his credit has been depleted.

**Response:** Safadi discloses providing a notification when the monitored usage of the opened computer resource has exceeded the credit comprises displaying a visual message to the user instructing the user to save his work and indicating his credit has been depleted (absolute visibility, col 6, lines 60-65; col 2, lines 30-41; col 5, lines 42-65; col 3, lines 10-20, billing system via a web browser running on subscriber terminal anticipates credit entitlement and control of the purchasable service, protection against repudiation).

### ***Conclusion***

41. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

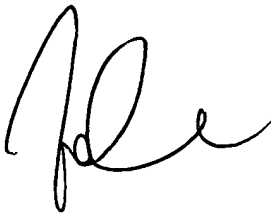
A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mohammad A. Siddiqi whose telephone number is (571) 272-3976. The examiner can normally be reached on Monday -Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John A. Follansbee can be reached on (571) 272-3964. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

MAS

A handwritten signature in black ink, appearing to be 'J. Lee' or similar, written in a cursive style.